

16. **(Amended)** A sterilisation apparatus for medical instruments and the like which is easy to operate, handle and transport comprising a mini sterilisation apparatus, said mini sterilisation apparatus comprising:

D3 a casing provided with a double-walled sterilisation boiler having an inner wall and an outer wall, whereby fluid is present between the inner and the outer wall such that a stable temperature of the inner wall can be achieved as well as steam generated therefrom, wherein said double-walled boiler comprises a cylindrical inner boiler placed within a cylindrical outer boiler, wherein the inner boiler has a volume of from about 10 to about 50 liters.

17. **(Amended)** The apparatus according to claim 16, wherein said cylindrical inner boiler is placed concentrically or symmetrically but non-concentrically within said outer boiler.

18. **(Amended)** The apparatus according to claim 16, further comprising regulators and heating elements in said double boiler walls which provide for a stable fluid temperature.

D4 19. **(Amended)** The apparatus according to claim 16, further comprising an inlet and apparatus for feeding steam for the sterilisation process pulsatingly into said boiler, and an apparatus for providing a pulsating vacuum in said boiler such that air in the instruments or the like objects which are to be sterilised can be removed.

20. **(Amended)** The apparatus according to claim 16, further comprising an apparatus for setting and measuring pressure, temperature, time and output.

22. **(Amended)** A sterilization apparatus for medical instruments and the like objects which are easy to handle and/or remove, consisting of:

a casing with a sterilization chamber comprising a double-walled boiler whereby fluid is present between the inner and the outer wall of the boiler;

D5 regulators and heating elements for performing the sterilization process by means of which temperature and steam generated therefrom are controlled, wherein said casing comprises a cylindrical horizontally arranged boiler comprising an inner boiler, wherein the cylindrical inner boiler has a volume of 10 to 50 liters and is horizontally placed and wherein said fluid partially fills a cylindrical space between the boilers, and wherein during the